

20 MAR 1975

MEMORANDUM FOR THE RECORD

SUBJECT : Status Report - Project SAFE

REFERENCE: Status Report, dtd 3 January 1975

1. Project SAFE has been involved in an conceptual systems design, funds gathering, and fundamental management struggle since this previous reporting. Of major significance is the reported decision that OJCS, not CRS, will be responsible for SAFE software and hardware. CRS will define the system requirements and levy them upon OJCS. It is viewed that the OJCS commitment to assume this responsibility is a positive indication that Agency management (DCI) is favorably inclined towards Project SAFE. Consequently, time (as affected by funding) is the main variable before SAFE becomes an operational reality. The recently revised Project SAFE schedules and alternatives are being held back by CRS/SAS until the working relationship and responsibilities are defined.

2. Briefly, in general terms, the initial systems design phase has slipped in varying estimates by 3 - 6 months, consequently, the first facilities requirements will move into FY-77. However, with the integration of Project SAFE operations into OJCS, it is possible that initial implementation of some SAFE subsystem functions may utilize existing OJCS hardware; which in turn may further alter short term planning. The on-going system design effort has not progressed sufficiently to determine specific hardware nor its relative locations (in particular whether the fifty minicomputers will be located in the central computer area or one in each of the remote analyst stations), consequently, no detailed planning is meaningful at this time.

3. Immediately prior to this pending shift of management responsibility, some Project SAFE working level personnel doubted that all of the OMB release of \$5,000,000 (FY-76) could be committed to hardware systems design in FY-76, and were interested in OL's ability to commit \$2,000,000 plus for facilities design and construction through GSA. This changing management role will be monitored in order to determine as soon as possible any other major shifts of Project SAFE scheduling which will impact on the timing of OL responsibilities.

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4. In a broad overview, the relative location of the option for a centralized computer center for Project SAFE, is being technically and operationally guided towards the North side of the building by the following considerations:

A. Electrically, "A" and "B" (expanded) vaults cannot support the estimated 1200 - 1300 KVA SAFE load. Transformer vaults "C" and "D" in the North half of the building could better accommodate this requirement. In particular, should "C" vault be expanded as presently planned, it would be able to support this load and retain the basic engineering design concept that ensues reliability through the concept of redundancy.

B. Management judgements expressed by OS, OJCS and others, consider that the relative colocation of another large computer center (much less self contained SAFE center) with present OJCS operating centers, is a risk in terms of the possibility of a catastrophic disaster which would negate a major portion of the Agency's computer operations by fire, water, deliberate explosive, or technical means.

C. The northside is the location of the majority of DDI analyst offices, including CRS itself, which would minimize the demands for a rerouted data grid.

Various alternative locations are possible on the first floor or elsewhere, but only with the difficult relocation of a yet unidentified office or major component out of the Headquarters Complex. The necessary Headquarters space relief (estimated 20,000 square feet) is only possible with the corresponding availability of space in another location not presently available. The work of Mr. [REDACTED] RECD, on alternative plans for the replacement of the Magazine Building is being followed to gauge the relative size, location, and timing of the surplus space being generated. STATINTL

5. Preliminary data is being gathered on the number and location of potential SAFE user analysts and existing data terminals in the Headquarters, Ames, Magazine, Key and [REDACTED] Buildings. This information is needed to determine optimum location of the proposed [REDACTED] remote analyst station clusters, define specific requirements on the data grid, and may dictate the inherent security requirements. To date, OS/Computer Security personnel have expressed major concern over the STATINTL
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security of massive storage of microfilmed (ultra-strip) classified information at these various locations and the technical intercept problems of access through telephones (necessary tools of the analysts) located near these data terminal consoles. Discussions have ranged from the need for special secure containers for microfilm storage to the requirement for each remote area to be separately vaulted.

6. For additional data or comment regarding this memorandum, please contact the undersigned [redacted]

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SIGNED

[redacted]

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